

62 1957

BRING THE WILD DUCKS

SWARMING IN!

ATTRACT AND HOLD

FISH AND GAME

LIBRARY RECEIVED IN ABUNDANCE!

★ MAY 6 1957

U. S. Department of Agriculture

"FOOD

IS THE

SECRET!"



TERRELL'S

AQUATIC FARMS
& NURSERIES

Oshkosh, Wisconsin, U. S. A.

The Original Wild Life Consultants—Since 1896

SERVING SPORTSMEN FOR OVER 61 YEARS



Wild Ducks Must Eat



Wild ducks naturally go where the best feeding grounds are found. Where there is little or no food for them they may stop long enough to rest, or more likely pass up the place entirely, and fly on in search of the spots where their favorite natural foods grow in variety and abundance. Ducks and geese will travel hundreds of miles to congregate on a good feeding ground, just as you or I will pass up a poor restaurant for a good one. While others complain of poor shooting, the sportsmen who had the foresight to set up a lunch counter for these hungry birds are enjoying fine hunting day after day.

Which was the picture on your hunting grounds last season? And what will be the picture next fall? Wild ducks must eat—when they come to your place will they find their natural foods plentiful, or must they fly on in search of “greener pastures?” The answer is up to you. You, too, can bring the wild ducks, geese and other game birds swarming in to your favorite lakes or marshes. **FOOD IS THE SECRET!**

It was in 1890 that John K. Terrell conceived the idea of attracting ducks to a worthless marsh, and to raise more fish instead of chasing the country over after them. From distant haunts of wildfowl and fish he gathered and planted seeds of the foods that had attracted them to these places. By 1896 he had made his place stand out as the best place in Wisconsin for ducks and fish. Ducks of all kinds arose in clouds from feeding grounds created. Other people took notice of what he had done, and began to ask him to help them improve their lakes and marshes in the same way. What had begun as an interesting experiment and hobby, developed into a business which now serves sportsmen the world over. For more than 61 years, three generations of the Terrell family have put an ever widening range of practical experience to work in raising the best natural foods for all kinds of wildlife the finest duck and game attractions.

In this booklet you will find listed a complete line of these favorite foods of waterfowl and other wildlife. Plantings made this spring will provide an abundance of both food and cover by fall, that will attract all kinds of ducks and geese, as well as pheasants and other game. Most of the water plants also provide important

fish food and cover, assuring that your waters will abound with bigger, sportier game fish of real "fighting size." These are hardy perennial plants which reproduce year after year when once established.

Order with confidence and don't hesitate to ask for any further help or information you may desire. Let us help you, as we have helped thousands of other sportsmen, make your property a favorite stopping and feeding ground for a lot of ducks and other game. The experience of three generations is at your service.

IS IT LEGAL TO PLANT DUCK FOODS?

Yes, most definitely! Both the U. S. Fish and Wildlife Service and the various state conservation departments recognize and encourage the planting of natural foods for wildlife as an important and necessary part of any conservation program. Each year, thousands of acres of our nation's "duck factories" are being destroyed by drainage, pollution, and other man-made factors. The planting of natural duck and game foods helps provide a counterbalance by establishing new breeding and feeding grounds or improving existing ones. Unlike the old practice of "baiting", which is outlawed and rightfully so, these plantings of natural food and cover plants provide these badly needed breeding and feeding grounds all year 'round, not just during the hunting season. Such plantings mean not only an abundance of game and sportful shooting today, but help to assure an abundant supply for the future as well. The letter below, from the Conservation Department here in Wisconsin, speaks for itself:

Madison, Wisconsin
January 11, 1956

Mr. Clyde B. Terrell
Oshkosh, Wisconsin

Dear Mr. Terrell:

It is my belief that the work of your family in aquatic management, started by your father and now being carried on with the aid of your son, was and is one of the finest contributions made by a private industry to our Wisconsin Conservation program. The proper management of waters and aquatic plants important to wildlife habitat is an essential part of conservation work.

Best wishes for good health and success in your work this new year.

Sincerely yours,

L. P. Voight, Director

Wisconsin Conservation Department



Wild Rice Brings *the* Ducks

Where Wild Rice grows you are sure to find wild ducks swarming in to feed on the large nutritious grain. It is the best known and most important food for Mallards, Black Ducks, Widgeon, Teal, Pintails, Canada Geese and other waterfowl. On frosty mornings, tramping along the edge of the Wild Rice marshes, one will be startled by a series of frightened quacks as a flock of Mallards, almost at your feet, jumps out of the tall growth of Wild Rice, where they have been feeding, sheltered from the chill autumn winds. Wild Rice beds are also used by the ducks as a place to hide their nests and rear their ducklings.

Terrell's Giant Wild Rice is easy to grow. Either seed or plants produce both food and cover in one growing season. When once established it reseeds and takes care of itself from year to year, making a permanent feeding ground.

WHERE TO PLANT

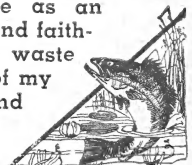
Briefly stated, the conditions required for successful growth of Wild Rice are fresh water streams, lakes or ponds having an outlet, fairly rich bottom, and water from 6 inches to 3 feet in depth. Sunny, sheltered bays or coves where planting will not get the current or direct wash of waves, suit it best. It grows best north of a line drawn from Savannah, Georgia, to San Francisco, California, although occasionally grown further south where conditions are just right for it.

Wild Rice does not grow in water salty to taste. Near the seacoast it grows along streams twenty to fifty miles above the point where they enter the sea, where the water ceases to be salty to taste and there is a tide of not over four feet. Any spots where fresh water brooks or springs enter the stream will be fresher and better for Wild Rice.

CONSERVATION PLEDGE



I give my pledge as an American to save and faithfully to defend from waste the natural resources of my country — its soil, and minerals, its forests, waters and wildlife.



HOW TERRELL'S PRODUCE BETTER WILD RICE SEED

No. 1

Terrell's Giant Wild Rice Seed

No. 2.

Ordinary Wild Rice Seed

Seed is selected for large size grain. It is more than twice the size of other Wild Rice seed. One acre of Terrell's Giant Wild Rice (No. 1) will produce as much food as two acres of the kind having the ordinary smaller grain (No. 2).

BOTH NATURAL SIZE

Terrell's supply only sure-growing Wild Rice Seed. Unripe, dried out or heated Wild Rice seed grows poorly or not at all. It is natural for the seed to drop off into the water when ripe. Drying kills the seed. Terrell's sure-growing Wild Rice Seed is well-ripened. Heating and drying out are prevented by keeping the seed in our special damp cold storage from the time it is harvested until shipment is made.

WHEN TO PLANT

Wild Rice Seed can be planted with excellent results from the time it is harvested in the fall, through the following May or early June. In its natural state, the seed falls from the stalks when ripe, usually in late August or early September, and lies dormant beneath the water throughout the winter months, starting growth the following spring. Wild Rice Plants may also be planted in June. These are available for only a short time, as they must be shipped after they are large and sturdy enough to transplant, but before they grow too large to handle and ship readily. Full planting directions are sent with all orders. The seed is simply sown broadcast, and sinks readily. Sow 2 bushels (60 lbs.) of the seed to an acre for a good strong stand.

GIANT WILD RICE (*Zizania aquatica*)

Seed for Spring Delivery (order at once - supply very limited): Full 30 lb. Bushel \$37.50; Peck, \$10.50; 2 Qts., \$3.75 (\$4.25 postpaid).

Seed for September Delivery (order now and save): Bushel, \$34.50; Peck, \$9.50; 2 Qts., \$3.25 (\$3.75 postpaid).

Sturdy Wild Rice Plants for June Delivery (can ship safely about 1000 miles): 100, \$3.50; 500, \$15.00; 3000 (plant 1 acre) \$60.00.

WAPATO DUCK POTATO (*Sagittaria latifolia*)



WAPATO

Produces numerous tubers, seeds and tender runners that are eaten by geese, swans and practically all kinds of wild ducks, as well as muskrats. Has handsome arrow-shaped leaves — stalks of white flowers with yellow center. Easily and quickly grown from Terrell's selected tubers. Thrives in practically all parts of the U.S. and Canada, in marshy places, mud flats, and in water up to 1½ feet deep. TUBERS: 100, \$3.50; 1000, \$30.00. Plant 1200 per acre.

DEEP WATER DUCK POTATO (*Sagittaria rigida*)

Grows in Northern U.S. in places similar to the Wapato, but also in up to 3 feet of water, making a splendid attraction for Bluebills and other diving ducks. SELECTED TUBERS: 100, \$4.50; 1000, \$32.00 Weighted for Planting: 100, \$5.50; 1000, \$40.00. Plant 1000 per acre.

WAMPÉE (DUCK CORN) (*Peltandra virginica*)

Good duck food for swampy land, shallow fresh water or slightly brackish tidal waters. Grows in eastern 1/3 of U.S. and also along West Coast. Produces an abundance of seeds as large as kernels of corn. SEED (Sow 10 lbs. per acre): Lb., \$1.75 (\$2.10 postpaid); 10 lbs., \$15.00.

PICKEREL PLANT (*Pontederia cordata*)

Provides food for ducks and cover for fish. Spikes of attractive blue flowers in summer. Withstands considerable current and wave action. Plant 600 per acre, on fairly rich soil in 1 to 3 feet of fresh or slightly brackish water. STRONG ROOTS: 25, \$6.00; 100, \$15.00; 250, \$30.00; 1000, \$100.00.



ANOTHER
SATISFIED CUSTOMER

CALIFORNIA: "This past week-end I made a trip to our shooting grounds at Wasco. The Duck Potatoes are thriving in fine fashion. We look forward to some fine shooting this coming season." - Roy Bradley.

SMARTWEEDS (*Polygonum*)

Excellent Duck Foods—also eaten by Upland Game. Use these permanent, flood and drought resisting varieties.

MARSH SMARTWEED (*Polygonum muhlenbergii*)

Thrives throughout U.S. and Canada. Use on shores, shallow water and marsh. Stands fluctuating water levels and drought. A top-rate perennial food for ducks and upland game. Plant 1500 per acre. ROOTS: 1000, \$35.00; 100, \$4.50.

SHALLOW-WATER SMARTWEED

(*Polygonum hydropiperoides*)

For moist margins, shallow hard or soft water 1 to 2 feet deep. Stands considerable shade. Grows Dakotas and Texas eastward, also along West Coast. Perennial duck food. Plant 5 bu. per acre. PLANTS: Bu., \$7.00; 5 bu., \$30.00.

LARGE-SEED SMARTWEED

(*Polygonum pensylvanicum*)

Excellent duck and upland game food for moist margins, shallow fresh or brackish water, etc. Grows Dakotas and Texas eastward. Permanent, reseeds itself. Sow 50 pounds per acre. SEED: 100 lbs., \$45.00; 25 lbs., \$14.00; 5 lbs., \$3.75 (\$4.50 postpaid).

BULRUSHES (*Scirpus*)

Excellent Food and Cover for Ducks and Muskrats. Strong root systems protect shores, prevent washing, etc.

HARDSTEM BULRUSH (*Scirpus acutus*)

Most important duck food of the round-stemmed bulrushes. Makes fish food and cover as well. Withstands wave action and protects banks, shores and other plants. Plant 1500 per acre in either fresh, mildly alkaline, or slightly brackish waters a few inches to 3 feet deep. Thrives throughout U.S. and Canada, except Southeastern U.S. ROOTS: 1000, \$40.00; 100, \$5.00.

RIVER BULRUSH (*Scirpus fluviatilis*)

Duck and Muskrat food and cover. Grows Dakotas and Kansas eastward, also along West Coast north of San Francisco. Plant 1500 per acre in marshes or shallow water. Withstands drought. ROOTS: 1000, \$37.00; 100, \$4.50.

SALTMARSH BULRUSH (*Scirpus robustus*)

Excellent Duck and Muskrat Food and Cover for Salt Marshes. Plant where flooded at high tide. ROOTS: 1000, \$40.00; 100, \$5.50.

GIANT BURREED (*Sparganium eurycarpum*)

Burs of seeds as large as kernels of corn are eagerly sought for by Mallards, Black Ducks and numerous other kinds of waterfowl. Its rush-like growth, 2 to 4 feet tall, makes excellent cover, and its network of heavy, quarter-inch runners, holds banks, stops erosion, and causes it to spread quickly. Survives flood, drought, and complete drying of land. Does best in not over one foot of water. Thrives throughout U.S. Plant in muddy, marshy spots, on shores, lowlands, ditch banks, dams, etc., or in shallow water. **STRONG ROOTS:** 100, \$4.00; 300, \$10.00; 1000, \$30.00. Plant 1200 per acre.

RICE CUTGRASS (*Leersia oryzoides*)

Grows throughout U.S. Rated "tops" as duck food along the Illinois River by Illinois Natural History Survey. Grows 2 feet high on lowlands, waterside and marshes. Withstands flooding. **PLANTS:** 10, \$6.00; 1000, \$40.00. Plant 1500 to the acre.

CORD GRASS (*Spartina pectinata*)

Fair duck food and makes good cover and blinds. Plant on damp shores. Grows 5 feet tall. Stands drought. Use 1500 per acre. 100, \$5.00 1000, \$35.00.

NORTHERN BAMBOO (REED GRASS or CANES) (*Phragmites*)

Makes excellent blinds and cover. Strong, not easily broken down, stands up all fall and winter. Grows 4 to 7 feet high with feathery plumes, on lowlands and in water up to 2 feet deep. Resists waves, protects shores. Plant 1 to 2 feet apart. **ROOTS:** 100, \$6.00; 1000, \$48.00.

TERRELL'S—
TOPS IN SERVICE,
TOO



FLORIDA: "If your water plants are as good as the service you give, I am certainly looking forward to having a first class fish pond in the near future. Everything was in good order, and arrived fresh as a daisy. It has certainly been a pleasure to do business with a firm which is so prompt in every way." - F. Osborn Bryant, Jr.

MUSKGRASS (*Chara*)

An economical, quick-growing food for wild ducks. Muskgrass is easy to plant, and grows in any hard waters, including marl lakes, alkali, brackish or slightly salty waters. Muskgrass also provides splendid food and cover for fish.

Examination of ducks' stomachs made by U. S. Bureau of Biological Survey, have shown Muskgrass to be a favorite food of Mallards, Black Ducks, Pintails, Widgeons, Teal, Gadwalls, Buffleheads, Redheads and many others. Muskgrass makes a lot of food for a lot of ducks, and grows so fast that the ducks do not feed it out.

Plant in 1 to 10 feet of water at the rate of 5 bushels per acre. Grows throughout U.S. and Canada. PLANTS: Bu., \$7.00; 5 bu., \$30.00.

LONG-LEAF POND PLANT (*Potamogeton americanus*)

Good for both Ducks and Fish. For 2 to 6 feet clear, fresh water streams, lakes, ponds, etc. Grows throughout U.S. Withstands flooding and drought, and complete emergence on moist margins. PLANTS: Bu., \$7.00; 5 bu. (plant 1 acre), \$30.00.

HORNED POND PLANT (*Zannichellia*)

A top-notch Duck Food for hard, fresh water, as well as alkali and semi-salt water up to 40% ocean strength. Also fine for fish. Grows throughout North America, on sand, gravel or mud bottom, in waters 1 to 6 feet deep. Plant 10 bushels per acre. PLANTS: Bu., \$7.00; 5 bu., \$30.00.

TRUE WATER CRESS (*Nasturtium officinale*)

Plant in hard water springs, streams or flowing wells that don't freeze in winter. Grows in a few inches of water, making year-round duck and fish food. Also delicious in salads and sandwiches. PLANTS: Bu., \$7.00 5 bu. (plants $\frac{1}{2}$ acre), \$30.00. SEED: 1 pkt. (Sows 500 sq. ft.) \$1.00; 1 lb. (Sows $\frac{1}{3}$ acre), \$17.50.

WATER SHIELD (*Brasenia schreberi*)

Important food for Mallards, Black Ducks, Teal, Wood Ducks, etc. Also produces fish food and cover. Round, floating leaves two inches across. Prefers 1 to 6 feet acid or neutral water. Grows Hudson Bay to Florida. PLANTS: 100, \$6.00; 500, \$25.00; 1000, \$45.00. Plant 700 per acre.



FEED DUCKS AT ONCE!

All Of The Plants Listed Below Make
A Lot Of Food For A Lot Of Ducks
As Soon As Planted.

EVERGREEN DUCK'S MEAT (*Lemna trisulca*)

Grows throughout U.S. and Canada, except extreme southeastern U.S. Praised highly for duck food by the Ontario Government. Thrives either in slightly acid or hard water. Grows in somewhat alkali water in west. Ponds, flowages, and waters with rushes or fallen timber afford good anchorage to plants which float submerged and unrooted. Scatter 12 Bu. per Acre in 2 to 3 ft. quiet water. Stays green all winter. Plants: 6 Bu. (sows $\frac{1}{2}$ acre) \$36.00; 1 Bu. \$7.00.

SURFACE FLOATING DUCK'S MEAT (*Spirodela*)

Good duck and fish food for quiet waters throughout U.S. Not rooted to bottom, just floats on surface of water. Makes food at once. Grows rapidly; will provide lots of food in short time. June to Oct. delivery. Plants: 5 bu. (sows acre) \$35.00; Bu. \$8.00.

DUCK'S MEAT MIXTURE

Contains a mixture of the best varieties of Duck's Meats (*Lemna* and *Spirodela*), as well as Duck Meal (*Wolffia*). A top flight combination to attract and feed a lot of ducks in a hurry. Scatter 10 bushels per acre. Plants: 5 Bu., \$30.00; 1 Bu., \$7.00.

COONTAIL (*Ceratophyllum*)

Scatter 12 bushels per acre in 2 to 5 ft. quiet water where it will not wash out. COONTAIL is eaten by practically all Ducks and by Swans. Most productive of small forms of life for FISH FOOD of any under water plant we know. Has no roots, floats under water. Grows in either acid or hard fresh water. Stands shade. Plants: 6 Bu. (sows $\frac{1}{2}$ acre) \$36.00; 1 Bu., \$7.00.

ELODEA (*Anacharis*)

Carp-resistant, quick-growing food for Redheads, Mallards, Widgeons, Scaups, Teals. For hard, clear, fresh water, even if quite cold. Grows in ponds, sluggish streams, etc., 1 to 10 feet deep. Plants: 10 bu. (sows 1 acre) \$60.00; 5 bu., \$33.00; 1 bu., \$7.00.

WATER MILFOIL (*Myriophyllum*)

Eaten by 21 species of ducks. Excellent food and cover for fish. Grows throughout most of U.S. Plant in 1 to 4 feet of water, withstands flooding and drought. Plants: 7 Bu. (sows acre) \$42.00; 1 bu., \$7.00.



Waterlilies

TUBEROUS WHITE WATERLILY (*Castalia tuberosa*)

Provides splendid natural food and cover for fish. Tubers and seeds eaten by ducks. Produces attractive white sweet-scented blossoms. Grows eastern $\frac{1}{2}$ of U.S. Plant on mud bottom in waters 1 to 4 feet deep, using 750 tubers per acre. TUBERS: 100, \$6.50; 300, \$17.00; 1000, \$45.00.

AMERICAN LOTUS (*Nelumbo lutea*)

Produces Huge, Creamy Yellow Blossoms the size of luncheon plates. Makes food and cover for fish, and some duck food. Plant in water 1 to 3 feet deep. Because of its hard outer coat, ordinary seed may take several years to germinate. The seed we furnish has been specially treated to assure quick germination. TREATED SEEDS: 100, \$2.50 (postpaid); 500, \$10.00; 1000, \$17.50.

RARE PINK EGYPTIAN LOTUS

(*Nelumbo speciosum*)

TREATED SEEDS: \$1.00 each; 12 for \$10.00 (both prices postpaid).



Flowers for Lowlands, Shores, Etc.

BLUE WATER IRIS (*Iris pseudocoris*)

Blooms May and June with beautiful Orchid-like Flowers. 10, \$2.00; 100, \$10.00; 500, \$30.00.

SWAMP LOOSESTRIFE (*Lythrum roseum*)

Long spikes of pink flowers in July and August. 10, \$7.00; 100, \$45.00.

MARSH MALLOW (*Hibiscus*)

Flowers like a dainty Hollyhock in varied colors during August and September. 10, \$7.00; 100, \$50.00.

"A combination of these three plants will furnish an array of color throughout the summer."

OTHER ORNAMENTAL PLANTS

Many of the duck food and cover plants listed elsewhere in this booklet, such as Wapato Duck Potato, Pickerel Plant, Giant Burreed, Giant Wild Rice, etc., also make interesting and unusual ornamental plants.

SAGO POND PLANT (*Potamogeton pectinatus*)

Authorities proclaim Sago Pond Plant the best all around wild duck food—also the best food and shelter plant for fish. It is eaten by over twenty kinds of ducks, as well as geese, swans and other waterfowl. Early in the fall it has clusters of seeds, the size of wheat, which are greedily eaten by Teal, Mallards, and other early ducks. Later in the season it produces great quantities of tubers almost equal to Wild Celery as Canvasback food. Grows submerged.

Sago Pond Plant, which is CARP-RESISTANT, thrives throughout the entire U.S. and Canada. It is easily grown in any hard, clear waters, either quiet or moving, including marl, alkali and somewhat brackish types. Plant the tubers in 1½ to 8 feet of water, on any kind of bottom but stony. Terrell's sells only selected tubers, each capable of producing vigorous growth quickly. Plant 1200 per acre. TUBERS: 1000, \$32.00; 300, \$12.50; 100, \$4.50. Weighted for planting - 1000, \$38.00; 300, \$15.00; 100, \$5.50.

WILD CELERY (*Vallisneria spiralis*)

Excellent food for diving ducks and fish. Canvasbacks, Bluebills and Redheads feed on Wild Celery in preference to other foods. It is also eaten by many other ducks, including Wood Duck, Widgeon, Pintail, Ruddy, Bufflehead, Whistler, Teal, Scoter, Mallard and Black Duck, as well as Geese, Swans and Coots.

One of the best plants for "fish pastures". It is an ideal fish food and cover producer. Also clears and aerates water.

Wild Celery grows submerged and thrives in fairly clear, fresh or slightly brackish waters, not acid, 2 to 8 feet deep, on any fertile bottom except marl—even on sand. Water should contain some lime, indicated by presence of shells, etc. Thrives in practically all parts of U.S. and Canada. Easily grown from Terrell's selected winter-buds or plants. Use 1200 per acre. WINTERBUDS or PLANTS: 1000, \$32.00; 300, \$12.50; 100, \$4.50. Weighted for planting - 1000, \$38.00; 300, \$15.00; 100, \$5.50.

More Ducks Come! -- Here's What Our Customers Say:



INDIANA: "The Wild Celery I planted has shown excellent growth and ducks are coming in in increasing numbers." - Oscar C. Griebel.

UTAH: "We have had good success with Muskgrass, Burreed, Wild Celery and Sago Pond Plant." - Dr. E. T. Swanson, Bay View Club.

MASSACHUSETTS: "The Wild Celery which I bought has grown beautifully and I find the Black Ducks particularly like this food." - Dunbar Lockwood.

OREGON: "Coontail is doing well in sheltered places. Wild Celery is doing very well and distributed in many beds all over the lake. The Wild Rice has made very thick growth and is slowly spreading." - Lewis McGeorge.

MINNESOTA: "The planting that we did proved very successful, and we now have a very good catch of Sago Pond Plant all over the slough. It took hold and spread very rapidly, and we had a large concentration of diving birds." - George C. Crosby.

WILD DUCK MILLET (*Echinochloa crus-galli*)

An important food for Mallards, Pintails, Teal and other ducks, as well as Geese, Quail, Doves and Upland Game Birds. Thrives throughout U.S. Grows 2 to 4 feet high, making considerable cover.

Plant on mud flats, lowland areas left bare as water recedes during summer, or land along water's edge. Excellent where land can be drained and flooded. Also grows on uplands wherever there is enough moisture to grow a good garden. Important, too, where lack of water causes short, late growing season, as it grows quickly, providing grazing for waterfowl two weeks after planting, and produces seed in less than 60 days. GRADE A-1 SEED: 100 lb. sack (sows 4 to 5 acres), \$22.00; 50 lbs., \$11.50; Bushel (35 lbs.), \$9.00; Peck, \$3.00.

DUCK WHEAT (*Fagopyrum tataricum*)

Also called Goose Buckwheat or Tartary Buckwheat. Excellent attraction for Ducks, Pheasants, Quail, Geese, etc. Thrives on poor soil. Holds seed through winter, when birds need it most. Grows Canada, Northern U.S. as far south as North Carolina and Northern California. Plant 50 lbs. per acre on almost any drained soil. SEED: 100 lbs., \$20.00; Bu. (50 lbs.), \$11.00; Peck, \$4.00.

CHUFA or NUT-RUSH (*Cyperus esculentus*)

Excellent food for Doves, Quail, Wild Turkeys, etc. Good duck food when planted near water or flooded after maturity. Drop tubers in rows like corn or peas, or broadcast and drag in on sandy soil, from March through June. TUBERS: Bu. (plants acre), \$30.00; Pk., \$9.00; 2 Qts., \$3.00 (\$3.50 postpaid).

SESBANIA (*Macrocarpa*)

Finest Quail food known. Excellent Duck food when planted in shallow water or in marshy places around ponds and lakes. Grows from Illinois southward on most any type soil, but thrives best on moist, heavy lands. Makes wonderful cover. SEED: 20 lbs. (sows acre), \$15.00; 2 lbs., \$2.00 (\$2.50 postpaid).

PHALARIS GRASS (*Phalaris arundinacea*)

Stout grass 5 feet high. Good cover. Muskrat food and house material. Makes some duck food. Good for fish propagation, used extensively in fish hatcheries, etc. Sow on low, wet, bare land in Northern U. S., Southern Canada. After started grows in 2 feet of water. SEED: 6 lbs. (sows acre), \$12.50; 1 lb., \$2.25 (\$2.65 postpaid); 25 lbs. or more \$2.00 per lb.

All of the foods listed on this page are Dry Seeds, which may be shipped by freight or truck if desired.

ATTRACTING UPLAND GAME BIRDS



The grains listed on the preceding page and the berry-bearing shrubs and vines listed below provide ideal food and shelter areas for Upland Game. They are also used extensively by



waterfowl when grown near the water or in marshy places.

Pheasants and Quail prefer open fields, bordered by shrubs and vines to provide cover. Patches of the grain foods along with the berry-bearing shrubs and vines, established in such places to provide both food and shelter, make ideal habitat for these sporty game birds, and will attract them from many miles around. If there are water or marsh areas nearby, so much the better.

Partridge or Ruffed Grouse and Wild Turkeys prefer the woodlands, away from more populous areas. Plantings made in open spots in and about the forest are most attractive to these birds.

BERRY-BEARING VINES, SHRUBS, TREES, ETC.

Plant adjacent to fields, woodlands, marsh, waters, etc., along fencerows, roadways, gulleys or ravines, etc. Quick growing, provide both food and cover.

PHEASANT BERRY (*Solanum dulcamara*)

A shrubby, hardy, perennial vine, having numerous red berries that are eagerly eaten by both ducks and upland game, including Pheasants, Quail, Grouse, etc. Thrives throughout U.S. on moist ground, poor dry ground, in shallow water, in almost any soil or in almost no soil at all. Rapid Growing and Very Hardy. 10, \$3.00; 25, \$6.75; 100, \$25.00.

WILD GRAPE

Excellent food and cover for Quail, Pheasants, Grouse, Prairie Chickens, Wild Turkeys, Ducks, etc. Ripens late, makes fall and winter food. 10, \$5.00; 100, \$30.00.

AMERICAN BITTERSWEET (*Celastrus scandens*)

Brilliant orange berries provide food during fall and winter for Grouse, Quail, Pheasants, etc. 10, \$8.00; 25, \$15.00; 100, \$50.00.

WAXBERRY (*Cornus stolonifera*)

Favorite of Grouse, Quail, Hungarian Partridge, etc., as well as Ducks. Grows on both wet, marshy ground and uplands. Thicket forming. 10, \$3.00; 100, \$22.00.

CORAL BERRY (*Symphoricarpos vulgaris*)

Red berries in fall make excellent food for Quail, Pheasants, Grouse, Prairie Chickens, Wild Turkey, etc. Makes good cover. 10, \$4.00; 25, \$9.00; 100, \$30.00.

RUSSIAN MULBERRY (*Morus alba tatarica*)

Abundance of fruit for Pheasants, Quail, Grouse, Wild Turkeys, etc. Stands drought, poor soil. 10, \$4.00; 25, \$8.00; 100, \$25.00.

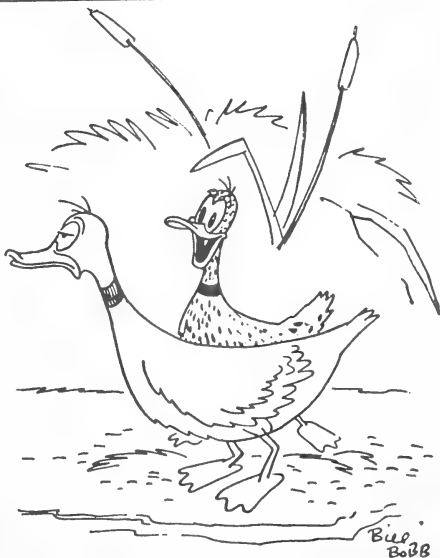
NIOBE GOLDEN WEeping WILLOW

Keep trout streams shaded and cool, furnish insect food. Buds are an important food of Grouse, Quail, Prairie Chickens, etc. 10, \$5.00; 100, \$35.00.

FOODS FOR WILD DUCKS AND GEESE

All of the foods listed in this booklet are excellent attractions for Wild Ducks.

Wild Geese feed especially on the following: Giant Wild Rice, Wapato Duck Potato, Bulrushes, Giant Burreed, Sago Pond Plant, Wild Celery, Wild Duck Millet, Duck Wheat (Goose Buckwheat), Widgeon Grass and Salicornia. (See index - page 23.)



"Well, look at it this way, Harvey. If you get knocked off, and the jerk doesn't have a duck stamp, it's illegal!"

WATER DETERMINES WHAT TO PLANT

The type of water is an important factor in determining which plants will grow best in any given area. Medium hard water is most productive and best suited to the greatest variety of plants. However, we furnish plants for all conditions, as noted below. If you do not know your type of water, we will send a simple chemical test kit free upon request.

SALTY, BRACKISH AND ALKALI WATERS

WIDGEON GRASS (*Ruppia maritima*)

Best duck food for salty or alkali waters. Entire plant eagerly eaten by practically all Ducks, Brant and Geese. Grows submerged in $\frac{1}{2}$ to 10 feet of water ranging from slightly brackish to full ocean strength. Also in alkali waters. Thrives on either fertile or sandy bottom. ROOTED PLANTS: Bu., \$14.00; 5 bu. (plants 1 acre), \$60.00.

SALICORNIA (*Salicornia europaea*)

Thrives on strongly saline or alkaline flats, low ground, marshy places, without much water. Plant 4 bushels per acre. PLANTS: Bu., \$14.00; 4 bu., \$48.00.

OTHER DUCK FOODS adapted to somewhat salt, brackish and alkali waters include Saltmarsh Bulrush, Horned Pond Plant, Sago Pond Plant, Wild Celery, Muskgrass and Large-Seed Smartweed. Pickerel plant and Wampee also grow under somewhat brackish conditions. (See index - page 23.)

HARD WATERS

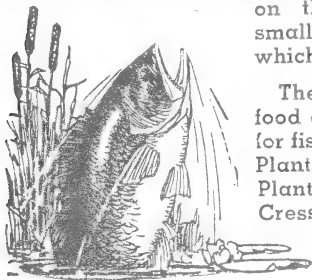
Nearly all of the plants listed in this booklet thrive in fresh, hard waters. Hard waters contain lime, and can often be detected by the presence of shells, snails or other crustaceans, or limestone rocks.

SOFT OR ACID WATERS

Plants which grow well in soft or acid waters include Wampee, Water Shield, Duck Potatoes (both kinds), Smartweeds (all varieties), Waterlilies, Duck's Meats, Coontail, Longleaf Pond Plant, Pickerel Plant, Pheasant Berry, Cord Grass, Cattail, Sweet Flag, Phalaris Grass and Wild Duck Millet. (See index - page 23.)

GET MORE AND BIGGER FISH

Certain plants provide plenty of food, also cover where small fish can escape from their enemies. They insure more young fish reaching maturity and increase fish production. Fish feed on parts of the plants and on the countless numbers of small insect and animal life which these plants support.

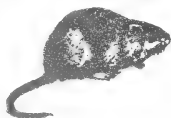


The following are excellent food and cover producing plants for fish: Giant Wild Rice, Pickerel Plant, Muskgrass, Longleaf Pond Plant, Horned Pond Plant, Water Cress, Water Shield, Duck's Meats, Coontail, Elodea, Water Milfoil, Waterlilies, Sago Pond Plant, Wild

Celery and Phalaris Grass. (See index - page 23.)

GOOD MUSKRAT FOODS

The following plants are the mainstay of the muskrat's food supply the year around. Many also supply house-building material for this valuable furbearer.



CATTAIL (Typha)

For wet, marshy places and shallow water. Roots: 100, \$4.00; 1000, \$30.00.

SWEET FLAG (Acorus calamus)

Other plants for Muskrats, listed elsewhere in this booklet, are; Giant Wild Rice, Duck Potato, Wampee, Smartweeds, Bulrushes, Giant Burreed, Rice Cutgrass, Muskgrass, Water Cress, Evergreen Duck's Meat, Coontail, Elodea, Waterlilies, Blue Water Iris and Phalaris Grass. (See index - page 23.)

PERSONAL HELP WITH PLANTINGS

If you want our help in laying out a planting plan for your property, write describing the place, and send a sketch of the areas to be planted, showing depth of water, marsh areas, type of bottom, etc. We are always glad to give this help through correspondence free of charge.

If you wish, for a nominal fee we can also arrange to have one of our experts make a personal examination of your property, and submit a written report on his findings, with recommendations as to what should be done, plantings to be made, etc. If interested in such service, write giving size and location of area, and we will be glad to quote our fee for a survey of your property.

PORTA - BLIND

The World's Finest Portable Duck Blind!



Accommodates two hunters safely and spaciouly, providing safe concealment and protection from the elements. Oval shaped, size 3 by 4 feet; height, 50 inches; weight, only 18 pounds. Folds and carries in one hand from car to shooting location, and takes only two minutes to erect—easy to move from pond to pond during the shooting day.

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The PORTA-BLIND, available in Olive Drab or Dead Grass colors, is also equipped with brush strapping to allow rushes, marsh grass or other natural growth to be placed around the blind for additional camouflaging, and has entry and exit flap—18" flap or door for use by hunter and retriever, which can be snapped from either inside or outside. 6" wall at bottom of exit flap keeps out water, insects, snakes, etc., prevents shells or equipment from being knocked or kicked out, without interfering with retrievers entry and exit.

Optional equipment includes: Window, sewn into lower section of hood to allow complete closing during nasty weather; Additional Camouflage Netting, darker on one side than the other, attaches to original cover with tie strings for changes in surroundings due to seasons, etc.; Folding Camp Stools, for use in Porta-Blind or for fishing, etc. Weigh only 1 pound, fold to fit pocket.

PORTA-BLIND answers all your needs for ideal hunting, allowing the hunter 360 degree vision, yet with complete concealment and protection from the nasty weather elements and the wily Mallard. (It's also ideal for ice fishermen.)

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PORTA-BLIND without window, \$37.50.

Second Camouflage Cover to fit blind, \$18.00.

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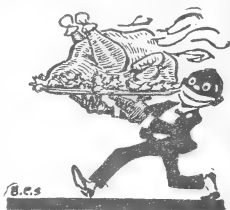
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SHIPMENTS: Express shipments are generally most satisfactory for our planting material. When so shipped, it reaches destination quickly, in best condition for planting. Prices are F.O.B., Oshkosh, or other shipping points, unless otherwise stated.

SMALL QUANTITIES: Be sure to include postage if parcel post shipment is desired on small quantities. Any excess payment will be refunded. If a sufficient amount is not allowed, shipment may be sent by express at shipper's discretion.

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GUARANTEE: If any of our planting materials fail to produce what the purchaser considers a satisfactory growth after giving planting sufficient time to establish itself, we **GUARANTEE** to replace it at half price, or send an equal value at half price of other planting material selected from our current price list.

REFERENCES: Oshkosh National Bank, Oshkosh, Wis.; First National Bank, Oshkosh, Wis.; Wisconsin Conservation Department, Madison, Wis.; any of the leading outdoor publications—Field & Stream, Sports Afield, Outdoor Life, etc.

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WHAT OTHERS SAY—

WASHINGTON: "Our club was very pleased with your Wild Rice Seed and Wild Millet during last year's season. Our shooting was improved greatly due to these foods." - W. R. Denman, Jr.

VIRGINIA: "The Evergreen Duck's Meat arrived and we put it in the marsh at Hog Island. Within two or three days we had more ducks there than anyone in the club has ever seen in the marsh before. One of the men there told me that three days after we put out the Duck's Meat at least 450 ducks were feeding in one very small pool—the way he put it they were so thick that he couldn't throw a stick in the water without hitting a duck." - Winston Montague, Hog Island Hunt Club, Inc.

NORTH DAKOTA: "Last spring's planting sure must have improved the lake as there sure are lots of ducks. I am very well satisfied." - Cornelius Motl.

CALIFORNIA: "Our success with your Wild Duck Millet seed far exceeded our expectations. We had such tremendous numbers of birds in our club that wild life men in the Game Management Department drove into our area to observe the numbers of ducks brought in by your Millet—I should say most conservatively speaking there was in the neighborhood of between forty and sixty thousand birds." - Robert T. McCloskey.

MINNESOTA: "The Rondo Pass Gun Club had a very successful season last fall, and we had a great many ducks due to your planting. Your Sago and Celery has taken hold very nicely. We have found all your plants of very good quality." - John J. Kenna, Jr.

SOUTH CAROLINA: "Our planting at Medway has been a great success. The Wild Duck Millet has attracted a heavy concentration of Mallards. Our Ring-neck ducks feed almost exclusively on Water Shield." - Dr. Carnes Weeks, Medway Plantation.

OHIO: "I was at the marsh yesterday and the plants I purchased from you are doing very well." - Dr. R. E. Semon.

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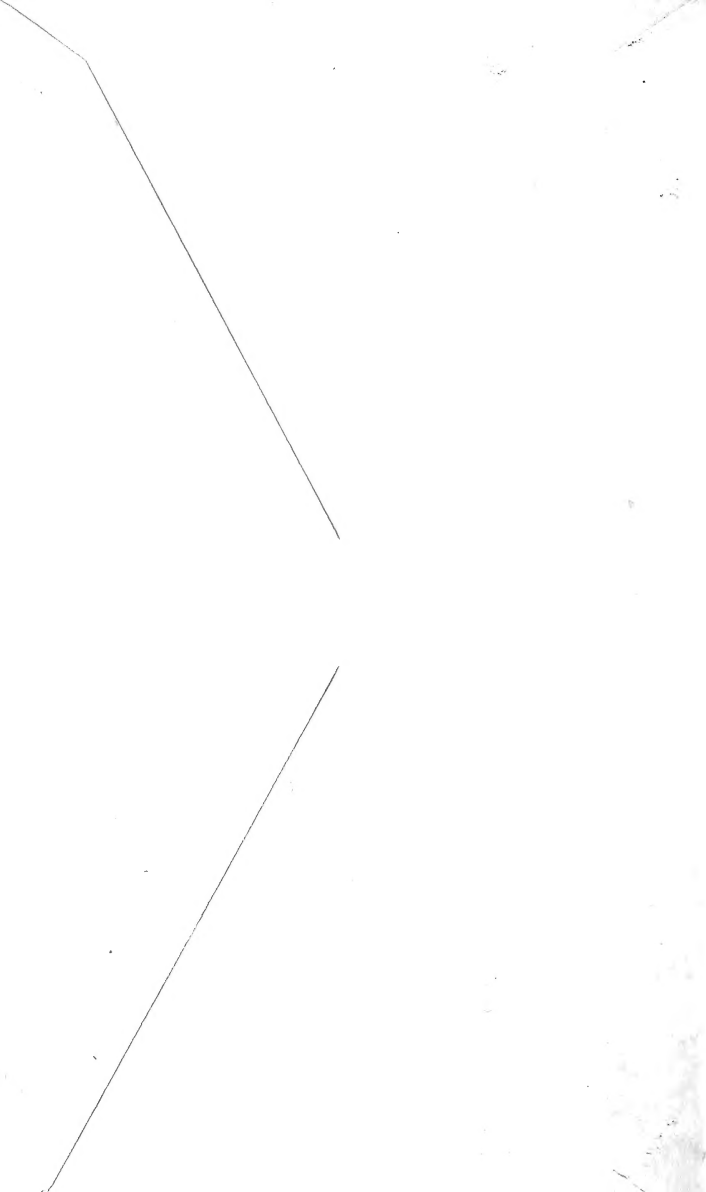
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